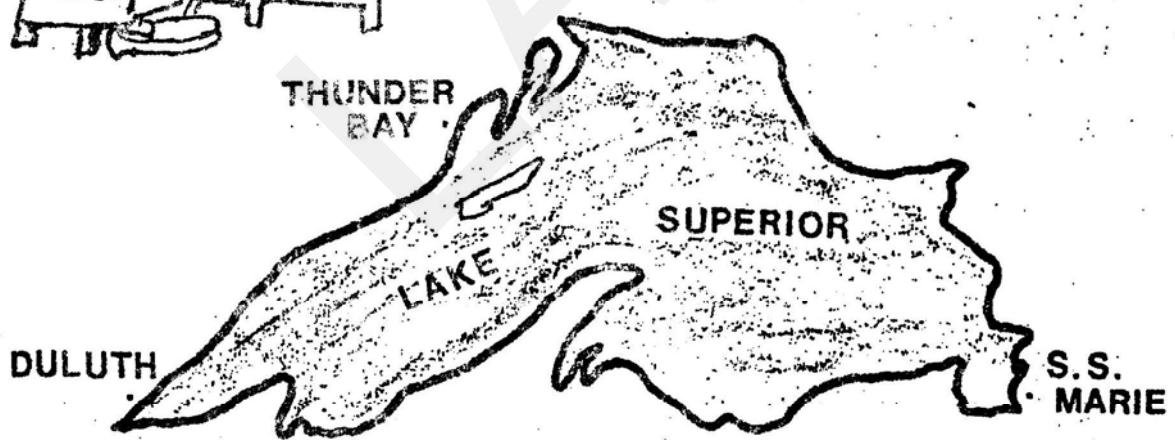


HI-Q

NOV. - 1987

LAKEHEAD AMATEUR
RADIO CLUB
BULLETIN



REPEATERS

TBR 146.82

YQT 147.06

FOUNDED 1934

CLUB STATION

VE3FW

INCORPORATED 1979

DIRTY LAUNDRY

CX's favourite saying these days "I'll put it on my agenda"

OPI is now using two fingers on the ol' packet keyboard instead of one.

CAP, CK, and KRP Antenna Fortune Cookie says: Men who use rake to straighten reflector element on beam should use nut-driver to rake leaves.

KRV: on 2 meters, off 2 meters, on 2 meters, off 2 meters, on 2 meters.

BCD last seen at 300 feet inside his remote controlled model airplane.

A JLX equation: Geloso (with alternator option) + high winds = spaghetti + "rig"-atoni (now thatsa Italian!)

ECV modelled the latest in hi-tech fashions at our last club meeting. (Looked like a cross between Scotty and a Klingon...Spock beam me out of here before Vic reads this!)

KRZ recently got "cloned"

VE1NB was recently in town, shipwrecked and keel-hauled out in the harbour.

OTI managed to have the wind cut firewood and deliver it to the back door of his camp. (Maybe some mill-owners are trying to tell you something John?)

BBS' mobile antenna and picket lines don't get along.

CAP still wondering how to send "?" on CW and since when did they install 40 meter front-ends on inter-comms?

JAA qsy'ed to VE4-land for a few days recently.

JAR was last seen trying to bag a moose in every grid square.

AVS seen skiing on Balmoral during our first snowfall.

HFS is now 4X4ing with a Ford.

* * * * *

H I - Q N I G H T

It's nice to see a few members come out to help put the monthly issue together. Anyone wishing to contribute to the Hi-Q by way of articles or help put it together, please contact Steve VE3KRH or Richard VE3OPI. All submissions to the Hi-Q should be brought to Steve or Rich by the 20th. of each month.

Many thanks this month go out to: VE3CX, VE3KRP, VE3JLX for their help in running this month's issue off.

Co-Editors Steve VE3KRH & Rich VE3OPI

THE NEXT MEETING OF THE L.A.R.C. WILL BE HELD ON NOVEMBER 12, 1987 AT THE E.M.O. BUILDING, CORNER OF VICTORIA AVE AND BALMORAL AVE. AT 7:30 P.M.

THE PREZ SEZ

Greetings to everyone and welcome to any new members we have. Not a lot has happened in the past month that has not already been discussed at a general meeting.

There is one item of interest and that is the Thunder Bay - Minneapolis Indy 500 Snowmobile Race. Further to what was discussed at the meeting we have now been asked to provide communications from Thunder Bay to Grand Marias, Minn.

Hopefully by the next meeting we will have a better idea of exactly what we are going to do. We are in the process of arranging a meeting between the organizers of the race and those who volunteered to help organize for this year, as far as the communication end of it is concerned.

The tentative date for the race is Saturday January 23rd. 1988 weather permitting. We had a good show of hands at the last meeting for operators and we will compile a list at the next meeting of operators and their 2M Rigs. Everyones co-operation is appreciated.

The code and theory classes are off to a good start and from what the instructors have said we have a real enthusiastic group. Who knows we may have some new operators before we know it. Everyones doing a great job. Keep up the good work.

Hope to see everyone at the November 12th General Meeting. Till then.

73's James - VE3JSC

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MINUTES OF THE OCTOBER 8, 1987 MEETING

Meeting came to order 7:45 P.M.

Financial statement was accepted by VE3JAJ and 2nd by VE3XT
John VE3JTM explained problems with TBR with plans to rebuild TBR
Approved by VE3JAJ and seconded by VE3SNW for deposit on a hall
SNW will look into hall for Annual Dinner and report back to Executive.
VE3JAJ bought old antenna from T.B.R. through auction.

Jan. 23/88 tentative date for Indy 500 Snowmobile Race to the States with members showing much interest in this event and more information to follow.
Discussion to hold a Transmitter Hunt in Spring.

50/50 draw was not won - keeps climbing
Motion by VE3AVS and seconded by VE3JAJ that the club's portion of the 50/50 draw funds to be used for door prizes at the Annual Dinner in February.
Motion was passed.

* * * * *

T I D B I T S

ART COLLINS, WOCXX, ex-W9CXX, 1909-1987

Without him, we'd never have enjoyed our R-388, R-390, 51J, 51S, 75A and 75S receivers. Without him, there would have been no KWS-1, 32V and 32S transmitters-and no KWM-1, -2 and -380 transceivers. He developed the Autotune system-a means through which a transmitter could change frequency rapidly by returning automatically to antenna-matching-network presets. Many of his products featured a smooth, stable permeability tuned oscillator-PTO-that offered unprecedented linear tuning. His company was the first major manufacturer to embrace single sideband voice transmission after having produced gear that generated some of the classiest AM signals on the air. All of his products featured quality in design and workmanship his competitors found difficult to beat.

Let us have a moment of silence for Arthur A. Collins, who died on February 25, 1987, at the age of 77. Who among us hasn't at least dreamed of owning-or just using-a piece of Collins radio gear from my era? Without Art's life, drive and genius, those radios would never have existed.

CALLING ALL CARS!

Dragnet, 1 Adam 12, or Highway patrol never had it as good as the Ottawa Police Force. Those officers in blue make up the first law enforcement agency in North America to use a new geographic resource allocation software system (GRASS).

GRASS is a real-time thematic mapping package meaning that it displays maps with selected subject matter in only seconds. It identifies criminal hot spots and provides a direct link into existing police records for immediate analysis. GRASS also displays full-colour graphics of search results which may then be overlayed on the monitor's map of the crime area. Officers can zoom in on zones or back off for global views and can even call up data of past crimes in a specific location for comparison.

By using GRASS, the force in Ottawa can now more easily see relationships between reports of suspicious persons and incidents of breaking and entering in an area. The officers can also more easily analyze the history of when and where thefts have taken place in a specific location. Feel safer?

TAXI! TAXI!

Dial-a-Cab, London's leading black cab company, is busy installing the largest computerized taxi dispatch system in the world. The six-million dollar deal involves 1420 cabs outfitted with Mobile Data's taxi terminal. With the system, the computer acts as the dispatcher; the call-taker puts in the information as soon as customer requests are received. Once the information is entered, the call is dispatched to the closest available cab via digital dispatch over radio frequencies. The dispatch magically appears on the display of the mobile computer terminal mounted in the cab, and the driver accepts the fare by touching the accept key on his or her terminal thereby informing the computer that the cab is en route. All in a matter of seconds!

Courtesy of: Canadian Electronics Engineering - September 1987

Submitted by Dave - VE3AVS

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FOR SALE - Commodore 801 Printer in excellent condition. Asking \$150.00

Contact Gerry VE3KRZ at 577-3575

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Lakehead Amateur Radio Club History Project

FINANCIAL STATEMENT FOR THE MONTH OF NOVEMBER

Note: Phone bills will be paid to end of year in Dec.
Telephone Sentinel and Tax for VE3YQT Phone Patch will be included
in Dec. Statement

DOC SEEKS PUBLIC COMMENT ON RF USE

Ottawa - Communications Minister Flora MacDonald has called for public comment on future directions for management of the radio spectrum. The request for input is contained in a background paper entitled "Utilization of the Radio Frequency Spectrum in the Range 30.01-890 MHz." This range is the most heavily-used and congested portion of Canada's airwaves. The Department of Communications' review of the use of this spectrum is part of an overall policy review of radio spectrum frequencies in Canada. This range contains the frequency bands currently used for television, FM radio stations, air traffic control, radar, radio astronomy, amateur (ham) radio, and virtually all land and maritime mobile radio operations including taxi, police, fire, ambulance, shipping and cellular radio systems. The release of the paper is the first stage in a three-part public consultation process that will assist the Department of Communications (DOC) in preparing a spectrum utilization policy for this range of the spectrum. The policy will serve as a road map for government spectrum managers and the public and facilitate the development of services into the 21st. century. The Department of Communications will use public response to the background paper in formulating proposals for the use of this section of the spectrum. These proposals will be published and further comments sought before a final spectrum utilization policy is announced.

DIRTY LAUNDRY

The bank thinks OTC is a "VE30". Maybe you could use those preprinted cheques for special prefix qsl cards John.

Heard that it takes one person to hold the crank and six people to rotate the whole Gestetner machine to produce HI-Q! Must be some of that "SP" influence there!

TRE sounds so "chipper" on autopatch in the morning, that some comments made produced unseen hand gestures! Sure glad '82 isn't an ATV repeater Gwen!

OTI likes "tight fits" when doing carpentry work. Never did see anyone use a chainsaw to fix up mistakes John! Then throw away the Craftsman table-saw and continue with the chainsaw!

CX is still removing the aftermath of the "Star Spangled Banner" off his hand-held

CAP still hasn't built his J-pole for two meters.

JAU last seen leaving his mark, the morning after, at a McDonalds' Drive-thru.

SPK was having trouble with an ARRL designed antenna trap. Well Jim the URRL (Ukrainian Radio Relay Losers) recommend Kobassa as trap bodies instead of PVC! If it doesn't work at least you can eat your project! Why didn't I think of that!

KRV and BCD Trade and Swap, Trade and Swap, Trade and Swap, Trade and Swap...Pretty soon you'll need a program to tell who has what!

NHX our treasurer, was last seen taking MATH-101 and ACCOUNTING-102

JLX was last seen carefully watching "THE OPRAH WINFREY SHOW". Something about 40 pounds seems to be the reason. Maybe you should let Oprah take a crack at fixing that GELOSO Al!

JAJ has a new Keyboard and it's not for CW, RTTY or PACKET!...and boy does it ever hate RF! It sure messed up that song I was playing at 2 A.M. Les

KRP was last seen with Miss New York State on his lap. He told me that the reason for this was he was participating in the 3.898 Mhz W.A.S. award! One state down and forty-nine to go!

OTZ was heard on 80 meters talking about G5RV's on 3.898 mhz and sure was lucky the Gators were not on!

Also heard that YQT and TBR have "windom" antennas.

Who'd ever think you could have so much fun with heatshrink at a club meeting! What next tie-wraps or crayons?

To mark the 15th Winter Olympics to be hosted by the City of Calgary in 1988 the Department has made available special call sign prefixes to Canadian Amateurs. The call sign prefixes have been assigned as follows:

Newfoundland	CJ1
Labrador	CJ2
Maratimes	VX1
Quebec	VX2
Ontario	VX3
Manitoba	VX4
Saskatchewan	VX5
Alberta	VX6
British Columbia	VX7
N.W.T.	VX8
YUKON	CH1

These prefixes may be used from January 1 to February 29, 1988.

AMATEUR EXAMS

The written Amateur exam schedule is being amended.

For the past several years, four examination sittings were held during the year - February, April, June and October.

Starting after the June 17 sitting, Amateur exams will be scheduled whenever there are several candidates ready to write the exam in an area. The time and date will be scheduled as required.

We hope this will allow candidates to complete the exams earlier and be on the air sooner.

UNLICENCED REBROADCASTING STATION FINED

WINNIPEG -- An Alberta television rebroadcasting station and its manager were fined a total of \$9,000 for operating without a valid operating certificate and licence in Vulcan, Alberta.

307705 Alberta Ltd., which is no longer in operation, was fined in Calgary provincial court on Friday, May 1, 1987. The company also operated under the names of Cable-Vision, Localized Cable systems Inc. and In-Home Entertainment Systems.

Judge L. Collins levied the maximum allowable fine in this first case of its kind in Alberta.

Crown prosecutor Robert Macdonald said that the unauthorized broadcasting signals could interfere with authorized radio communications of police, ambulance and other essential services.

The spectrum Management Sector of the Federal Department of Communications plans and implements the regulation of the radio frequency spectrum and works to ensure that the Radio Act and related regulations are respected by all users.

THE FOUR PREVIOUS ARTICLES WERE SUBMITTED BY MIKE - VE3ZG.

50/50 DRAW

The 50/50 draw was once again not claimed. The name drawn during the May meeting was Lindo VE3NHX's. Once again the pot has grown, and it should be over \$100.00 for the June draw.

THE POT WILL BE WON DURING THE JUNE MEETING. CALLS WILL BE DRAWN UNTIL SOMEONE WHO IS PRESENT NAME IS DRAWN.

Don't miss this next meeting

LEGION 10 MILE

Runners beat into a terrific wind during this years 10 mile road race but it was a "wind-at-your-back" run for the finnish. Communications went without a hitch and several spectators stopped in at control to say they appreciated the mile by mile reporting of the runners' progress. Special thanks to all who helped: JAU, JQ, JSC, KRD, KRH, NNO, SNW & XJ.

MUNCH OF MAY

Congratulations to Garnet Walker VE3AUP for winning the prestigious "Munch of May" trophy this year. The contest was open to any student who had not graduated from high school and the object was to WAS and WAVEs during the month of May. Participants did not have to be licenced and contacts from any station were allowed. If you know a young person who has shown some interest in HAM radio, this contest may be just what you need to "Elmer" them onto the "HAM-hook"!

Thanks to all who participated and good luck next year!

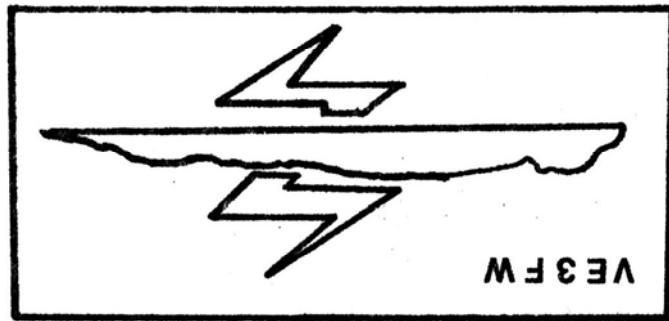
The above two articles were submitted by Frank - VE3OTZ.

THANK YOU

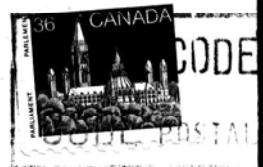
Well, this HI-Q marks the last issue that I will be putting forward for quite a while. Editing your bulletin has been a vering interesting and even pleasurable experience. I wish every one the best in the future and I thank every one who has aided me in my publishing task very much.

Thank you and VY BEST 73's
Garnet B. Walker VE3AUP

RECEIVED



**LAKEHEAD AMATEUR RADIO CLUB
P.O. BOX 2571
THUNDER BAY, ONTARIO
P7B 5G1**



TO:

LINDO SCALESE VE3NHX
237 DENNIS STREET
THUNDER BAY, ONTARIO
P7B 5H7

HI-Q

FIRST CLASS